

AI-TECH-31E

PATENT APPLICATION  
Serial No. 10/784,704**REMARKS**

Claims 1-25 are pending in the captioned Application in which claims 1-23 are rejected, and claims 24-25 are allowed.

Claims 1, 10 and 18 are amended to overcome the objection and the rejection by deleting the objected to phrase which is not required for patentability of the claims. This amendment does not narrow the scope of any claim element or limitation and so is not limiting of any claim element or limitation, and Applicant reserves the right to the benefit of the doctrine of equivalents with respect thereto.

**Objections:**

The specification is objected to because it allegedly fails to provide proper antecedent for the claimed subject matter. Applicant notes that the apparatus and method described and claimed is operable as described and as claimed, irrespective of whether or not the electromagnetic field it produces has components in each of three mutually orthogonal directions. Nevertheless, the objection is overcome in light of the amendment herein to claims 1, 10 and 18 which removes the objectionable phrase.

Claims 1-23 are objected to because they allegedly claim subject matter not shown in the drawing and specification. Claims 1, 10 and 18 are amended to remove the objectionable phrase. Moreover, the apparatus and method claims 1, 10 and 18 is operable as claimed, irrespective of whether or not the electromagnetic field has components in each of three mutually orthogonal directions. Nevertheless, the objection is overcome in light of the amendment herein to claims 1, 10 and 18 which removes the objectionable phrase. Claims 2-9, 11-17 and 19-23 are allowable at least because they depend from one of rewritten claims 1, 10 and 18.

This amendment does not narrow the scope of any claim element or limitation and so is not limiting of any claim element or limitation, and Applicant reserves the right to the benefit of the doctrine of equivalents with respect thereto.

Accordingly, the objection is overcome and should be withdrawn.

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PATENT APPLICATION  
Serial No. 10/784,704Rejection Under 35 U.S.C. §112:

Claims 1-23 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite. The rejection is overcome by claims 1, 10 and 18 as amended to remove the phrase underlying the rejection. Moreover, the apparatus and method of claims 1, 10 and 18 is operable as claimed, irrespective of whether or not the electromagnetic field has components in each of three mutually orthogonal directions. Nevertheless, the objection is overcome in light of the amendment herein to claims 1, 10 and 18 which removes the objectionable phrase. Claims 2-9, 11-17 and 19-23 are allowable at least because they depend from one of rewritten claims 1, 10 and 18.

Accordingly, the rejection under 35 U.S.C. §112, second paragraph, is overcome and should be withdrawn.

Conclusion:

Applicant respectfully requests that the objections and rejections be withdrawn, and that the Application including claims 1-25 be allowed and passed to issuance.


The number of claims remaining being the same as or less than the number previously paid for, no fee is due in consequence of this timely filed response. However, should any fee be due in consequence of this response, please charge such fee and deposit any refund to Deposit Account 04-1406 of Dann, Dorfman, Herrell & Skillman.

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The Examiner is requested to telephone the undersigned attorney if there is any question or if prosecution of this Application could be furthered by telephone.

Respectfully submitted,  
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